

1 September 2003

Dear Colleague:

The Office of Basic Energy Sciences (BES) within the Department of Energy's (DOE's) Office of Science has recently undergone a reorganization to form two Divisions from its existing Materials Sciences and Engineering Division. DOE is now seeking applications for the Director, Materials Sciences and Engineering Division and will soon be seeking applications for the Director of the newly established Scientific User Facilities Division. The scope of each of the Divisions is described below along with information regarding the application process.

DOE is an equal opportunity employer. All qualified applicants will be considered without regard to race, religion, color, sex, age, national origin, lawful political affiliation, marital status, union membership, or other non-qualifying physical or mental handicaps.

THE MATERIALS SCIENCES AND ENGINEERING DIVISION:

With a fiscal year 2003 budget of approximately \$260M, this Division is one of the premier sponsors of condensed matter and materials physics in the U.S. Research is conducted in DOE laboratories, universities, and other public and private institutions. This Division sponsors basic research to understand the atomistic basis of materials properties and behavior and how to make materials perform better at acceptable cost through new methods of synthesis and processing. Basic research is supported in semiconductors, superconductors and magnetic materials; metals, alloys, and ceramics; surfaces, thin films, and interfaces; materials chemistry, biomolecular materials, catalytic materials, and polymers; ionic and atomic transport; chemical, mechanical and physical behavior; corrosion; welding and joining; non-destructive evaluation; multiphase fluid dynamics and heat transfer; nanotechnology and microsystems; neutron, x-ray, and electron beam scattering and characterization; new instrumentation; and theory and modeling in the above areas. Ultimately the research leads to the development of materials that improve the efficiency, economy, environmental acceptability, and safety in energy generation, conversion, storage, transmission, and use. The Director of the Materials Sciences and Engineering Division supervises approximately 20 technical and support staff.

How to Apply:

This job is posted online under Vacancy Announcement Number: ETR-03-ES-024(PN). Information on how to apply for this position may be found at:

<http://chris.inel.gov/jobs/index.cfm?FuseAction=viewJobDescription&ID=15808&public=true>

If, for some reason, this link has changed, the BES jobs page always will take you to the current link. Please go to:

<http://www.science.doe.gov/bes/BESjobs.html>

Note that you MUST apply for this position on line. Further, it is critically important to include a resume and to address each of the Executive Core Qualifications and Technical Qualifications.

THE SCIENTIFIC USER FACILITIES DIVISION:

With a fiscal year 2003 budget of nearly \$300M for support of the operation of existing facilities and more than \$200M in support of construction of new facilities, this Division is the Nation's major sponsor of scientific user facilities for materials sciences and related disciplines. This Division is responsible for planning, justifying, constructing, upgrading, and operating the BES major scientific user facilities. These facilities include four synchrotron radiation light sources (Advanced Light Source, Advanced Photon Source, National Synchrotron Light Source, and Stanford Synchrotron Radiation Laboratory); three neutron scattering sources (High Flux Isotope Reactor, Intense Pulsed Neutron Source, and Manuel Lujan, Jr. Neutron Scattering Center); and the Radiochemical

Engineering and Development Center. About 8,000 users visit these facilities each year. Under construction are the Spallation Neutron Source and five Nanoscale Science Research Centers. The Division is also responsible for overseeing the fabrication of major instrumentation used at these facilities and at the electron beam microscopy centers and for supporting research to advance the facilities in areas such as instrumentation, detectors, and accelerator technology. Following the commissioning of the Spallation Neutron Source in FY 2006 and the Nanoscale Science Research Centers during the period FY 2006-2008, the total budget for the Scientific User Facilities Division will exceed \$550M. The Director of the Division supervises approximately six technical and support staff.

How to Apply:

We anticipate that this position will be open for application within 30 days. Current information on the status of the posting is available at <http://www.science.doe.gov/bes/BESjobs.html>.

Please feel free to share this letter with your colleagues. Thank you very much.

Sincerely,
Pat Dehmer

Patricia Dehmer
Director, Office of Basic Energy Sciences
U.S. Department of Energy
19901 Germantown Road
Germantown, Maryland 20874-1290
Phone: (301) 903-3081
Fax: (301) 903-6594
E-mail: patricia.dehmer@science.doe.gov
Web: <http://www.science.doe.gov/bes>